

[GENETYX : Maximum Matching]

Date : 2006.10.31

Sequence 1 : SEQ ID NO:1 of the present invention
Size : 458
Matching Position : 1 ~ 458

Sequence 2 : SEQ ID NO:31595 of Drmanac et al.
Size : 461
Matching Position : 1 - 461

Matching Condition.

Matches : -1
Mismatches : 1
Gaps : 1
*N+ : 2

Matching : 36.94 [%]
Weight : 143

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1 MGLCYSLRPL LFGGPGDDPC AASEPPVEDA QPAPAPALAP VRAAARDTAR TLLPRGGECS
*****
1 MGLCYSLRPL LFGGPGDDPC AASEPPVEDA QPAPAPALAP VRAAARDTAR TLLPRGGECS

61 PACARPKADK PKEKRQRTAQ LSAEEREAAK BREAVKEARK VSRGIDRMLR DQKRDLLQTH
*****
61 PACARPKADK PKEKRQRTAQ LSAEEREAAK BREAVKEARK VSRGIDRMLR DQKRDLLQTH

121 RLLLLGAGES GKSTIVQMR ILHVNGFNPE EKKQKILDIR KNVKDAIVTI VSAMSTIIPP
***** * * * *
121 RLLLLG---S QEEELVEKKR -TDTTVAIAE GSRVLLMSPF RGHKLMALLL KSPGARSVPG

181 VPLANPE-NQ FR-SDYIKSI APITDFEYSQ E--FFDHVKK LWDDEGVKAC FERSNEYQLI
* * * * *
177 ASLGDVEIPQ GREHSLSPGK VHCVVEBKQ EPKRKIPVRA CTCSEINGNS FLSHDQGGTL

237 DCAQYFLERI DSVSLVDYTP TDQDLLRCRV LTSGI---FE TRFQVDK-VN FHMFDVG-GQ
* * * * *
237 KELQQHIKSV TCPCEYLKE KGENDLMVPV NYSRILAWSR CGGQTQKAVC GVGSSAGWGP

292 RDERRKWIQC FNDVTAIIYV AACSSYNMV- ---IREDNNT NRLRESLDLF ESIWNNRWLR
* * * * *
297 SVCCALAVQG SGRETWATGT PESSFGATVL HKAVYETASA PLSPGMLDFG TQPDGWEPS
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348 TISIILFLNK QDMLAEKVL A GSKIEDYFP EYANYTVPED ATPDAGEDPK VTRAKFFIRD
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357 SCVEGPWGWW FQPTAAVSLQ TERISEMLWK NNGQAKFSRR TESVAVFLGD QLSALPVIYA

408 LFLRISTATG DGKHYCYPHF TCAVDTENIR RVFNDCRDII QRMHLKQYEL L
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417 PVFRGGSLVV SPRDTGSNFQ PPAQDRWDQG PDDVDNDDVT KR-----SK K